

|   | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|---|------|-----|------|--|---|---------------------|
| 1 | BRS  | L1  | 5    | "20020056068" or<br>"6970520".pn.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>13:25 |
| 2 | BRS  | L2  | 1136 | (path adj2 metric\$1 or<br>metric\$1 near3 calculat\$4<br>or metric\$1 near3 cirucit\$3<br>or metric\$1 near3 brach\$1)<br>same (ACS or add\$3 adj3<br>compar\$4 adj2 select\$4) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>13:28 |
| 3 | BRS  | L3  | 29   | (butterfly near3 circuit\$1<br>or butterfly near3<br>comput\$8) and 2  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>13:29 |

|   | Comments | Error Definition | Errors |
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| 1 |          |                  |        |
| 2 |          |                  |        |
| 3 |          |                  |        |

|   | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|---|------|-----|------|---|---|---------------------|
| 4 | BRS  | L4  | 2    | (butterfly near3 circuit\$1<br>or butterfly near3 comput\$8<br>or butterfly near3<br>calculat\$4 or butterfly<br>near3 trellis or butterfly<br>near3 viterbi or butterfly<br>near3 ACS or butterfly<br>near3 add\$3 adj2 compar\$5<br>adj2 select\$4 or<br>butterfly\$3 near3 metric\$1<br>or butterfly\$3 near3 BM\$1<br>or butterfly near3<br>process\$3 or butterfly<br>near3 operation\$1 or<br>butterfly near3<br>structure\$1) same (best<br>near3 path\$1 with second<br>adj2 state\$1 or best near3<br>metric\$1 with second adj2<br>state\$1 or maxim\$3 near3<br>path with second adj2<br>state\$1 or maxim\$4 near3<br>metric\$1 with second adj2<br>state\$1 or optim\$4 near3<br>metric\$1 with second adj2<br>state\$1 or optim\$3 near3<br>path with second adj2<br>state\$1 or greatest near3<br>metric\$1 with second adj2<br>state\$1 or greatest near3<br>path with second adj2<br>state\$1) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>14:29 |

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|   | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|---|------|-----|------|--|---|---------------------|
| 5 | BRS  | L5  | 4    | (butterfly near3 circuit\$1<br>or butterfly near3 comput\$8<br>or butterfly near3<br>calculat\$4 or butterfly<br>near3 trellis or butterfly<br>near3 viterbi or butterfly<br>near3 ACS or butterfly<br>near3 add\$3 adj2 compar\$5<br>adj2 select\$4 or<br>butterfly\$3 near3 metric\$1<br>or butterfly\$3 near3 BM\$1<br>or butterfly near3<br>process\$3 or butterfly<br>near3 operation\$1 or<br>butterfly near3<br>structure\$1) and (best<br>near3 path\$1 with second<br>adj2 state\$1 or best near3<br>metric\$1 with second adj2<br>state\$1 or maxim\$3 near3<br>path with second adj2<br>state\$1 or maxim\$4 near3<br>metric\$1 with second adj2<br>state\$1 or optim\$4 near3<br>metric\$1 with second adj2<br>state\$1 or optim\$3 near3<br>path with second adj2<br>state\$1 or greatest near3<br>metric\$1 with second adj2<br>state\$1 or greatest near3<br>path with second adj2<br>state\$1) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>14:21 |

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| 5 |          |                  |        |

|   | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|---|------|-----|------|--|---|---------------------|
| 6 | BRS  | L6  | 7    | 2 and (best near3 path\$1 .<br>with second adj2 state\$1 or<br>best near3 metric\$1 with<br>second adj2 state\$1 or<br>maxim\$3 near3 path with<br>second adj2 state\$1 or<br>maxim\$4 near3 metric\$1 with<br>second adj2 state\$1 or<br>optim\$4 near3 metric\$1 with<br>second adj2 state\$1 or<br>optim\$3 near3 path with<br>second adj2 state\$1 or<br>greatest near3 metric\$1<br>with second adj2 state\$1 or<br>greatest near3 path with<br>second adj2 state\$1) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>15:05 |
| 7 | BRS  | L7  | 65   | (butterfly near3 circuit\$1<br>or butterfly near3 comput\$8<br>or butterfly near3<br>calculat\$4 or butterfly<br>near3 trellis or butterfly<br>near3 viterbi or butterfly<br>near3 ACS or butterfly<br>near3 add\$3 adj2 compar\$5<br>adj2 select\$4 or<br>butterfly\$3 near3 metric\$1<br>or butterfly\$3 near3 BM\$1<br>or butterfly near3<br>process\$3 or butterfly<br>near3 operation\$1 or<br>butterfly near3<br>structure\$1) same 2                                | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/06/26<br>14:30 |

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| 6 |          |                  |        |
| 7 |          |                  |        |

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| 8 |          |                  |        |
| 9 |          |                  |        |

|    | Type | L # | Hits | Search Text   | DBs   | Time Stamp           |
|----|------|-----|------|---|---|----------------------|
| 10 | BRS  | L10 | 39   | 7 and (best with second adj2 state\$1 or best or maxim\$3 with second adj2 state\$1 or optim\$4 with second adj2 state\$1 or greatest with second adj2 state\$1 or largest with second adj2 state\$1) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TD<br>B | 2007/06/26<br>15:07. |

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| 10 |          |                  |        |